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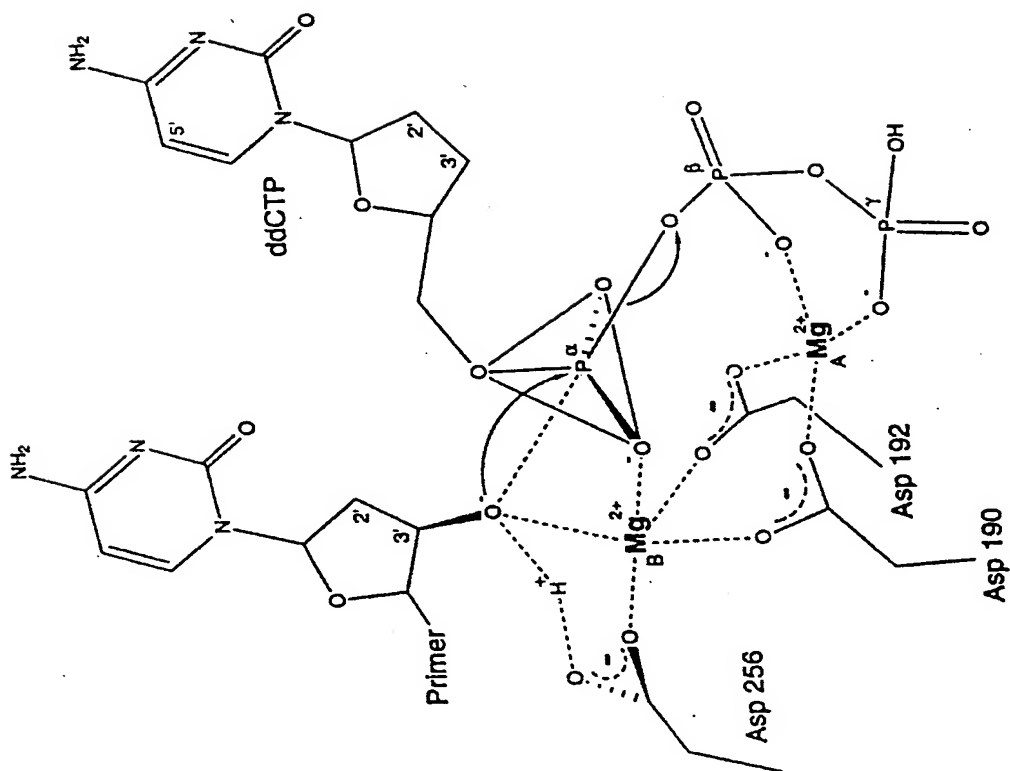
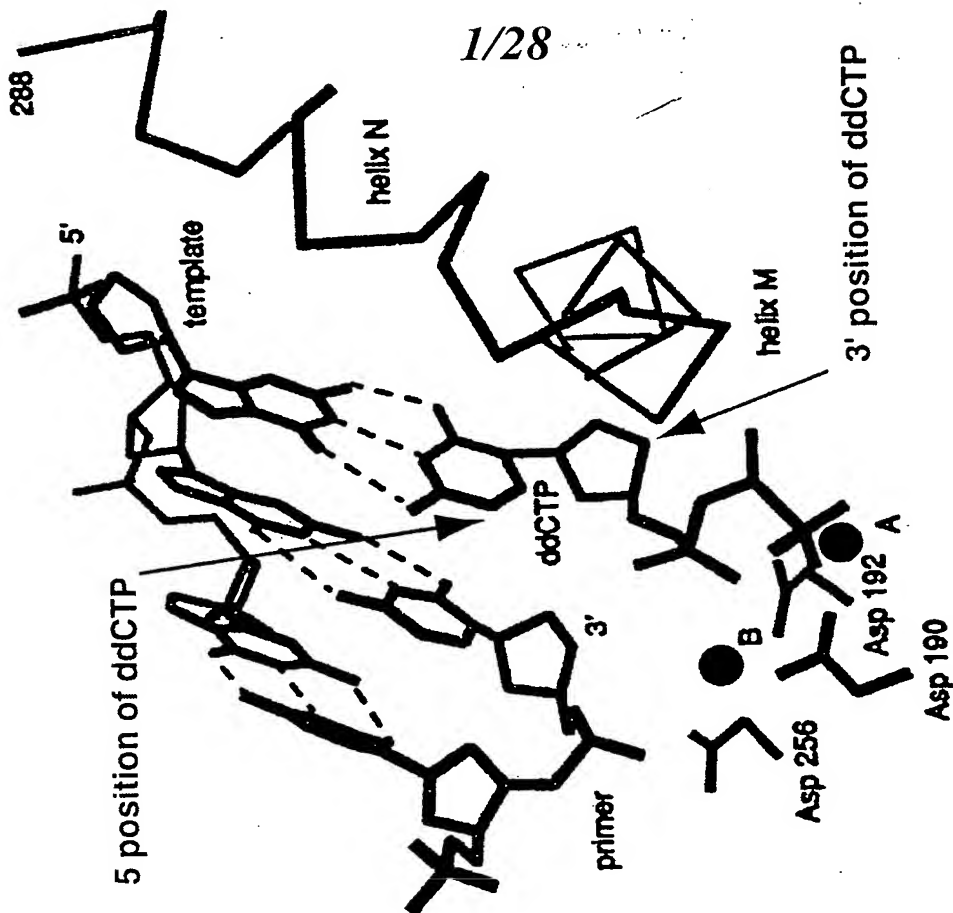
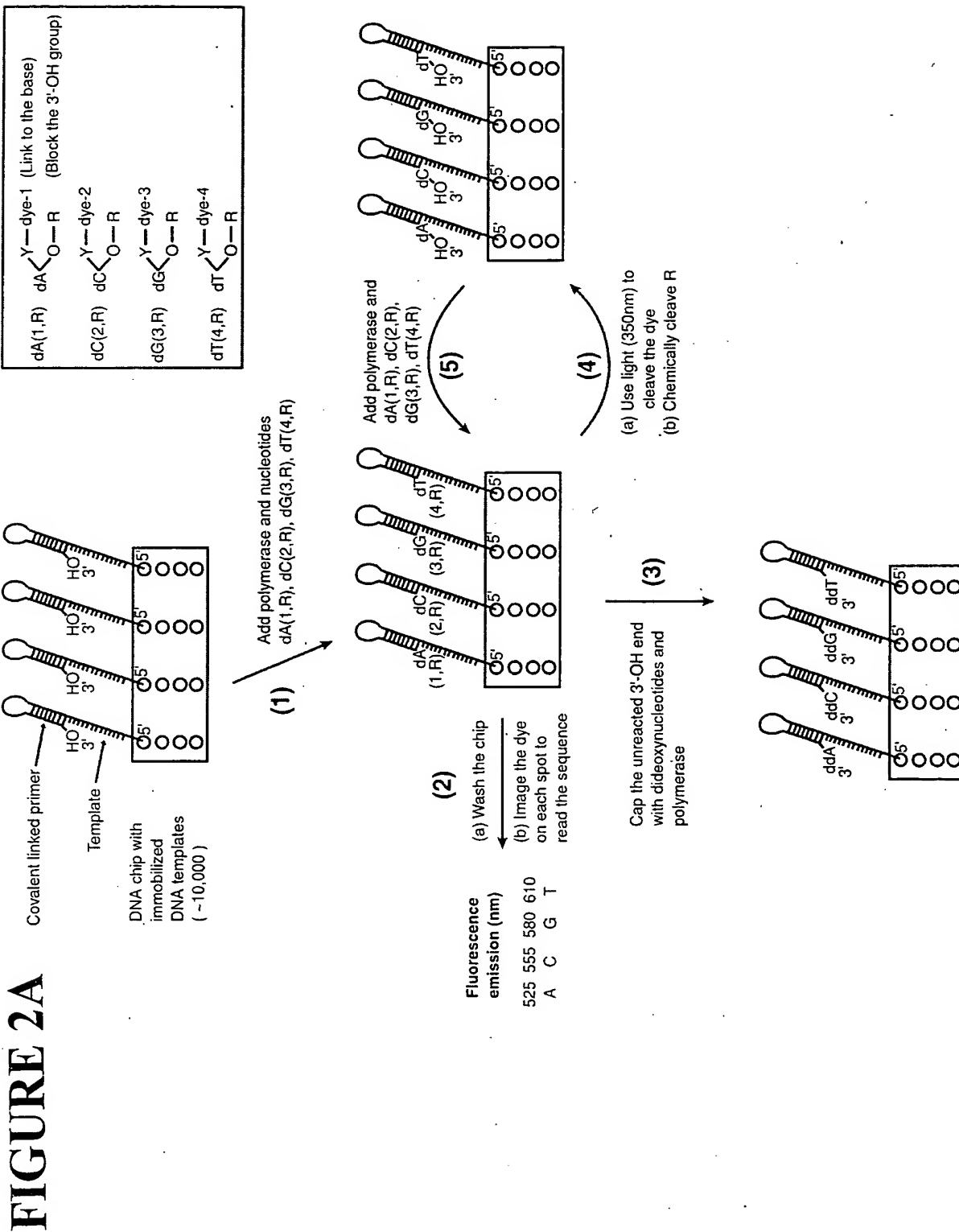


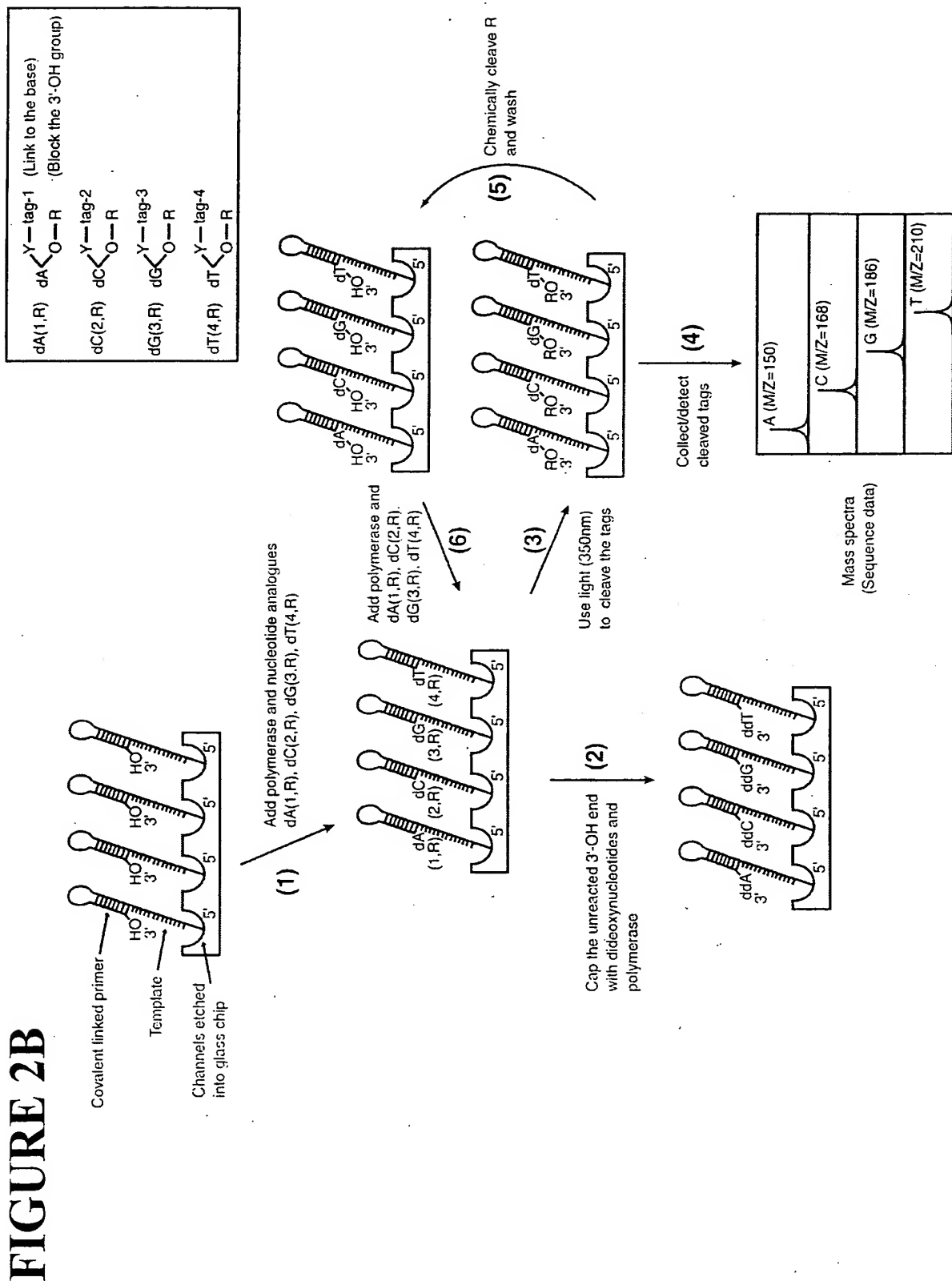
FIGURE 1

Asp = Aspartic Acid

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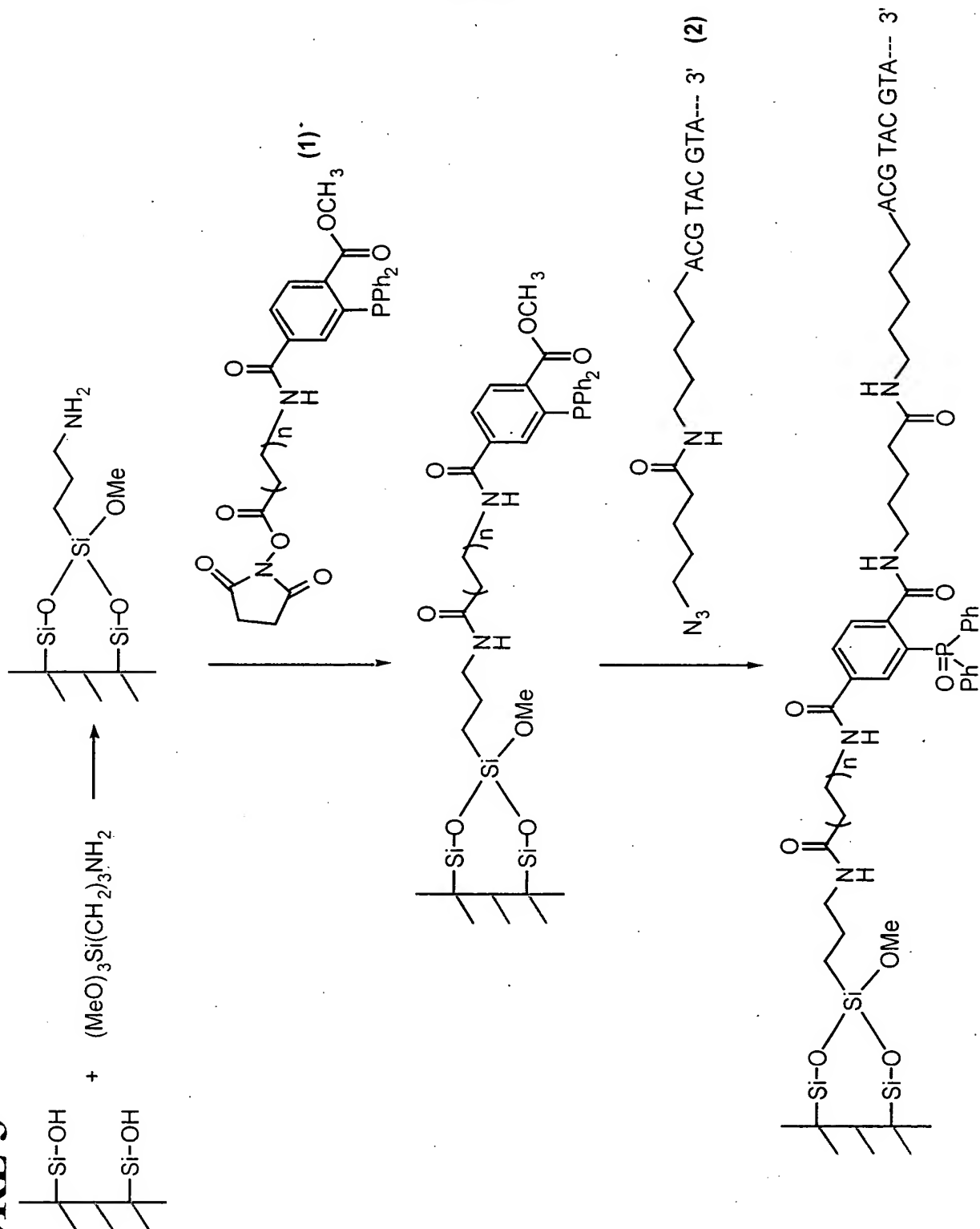


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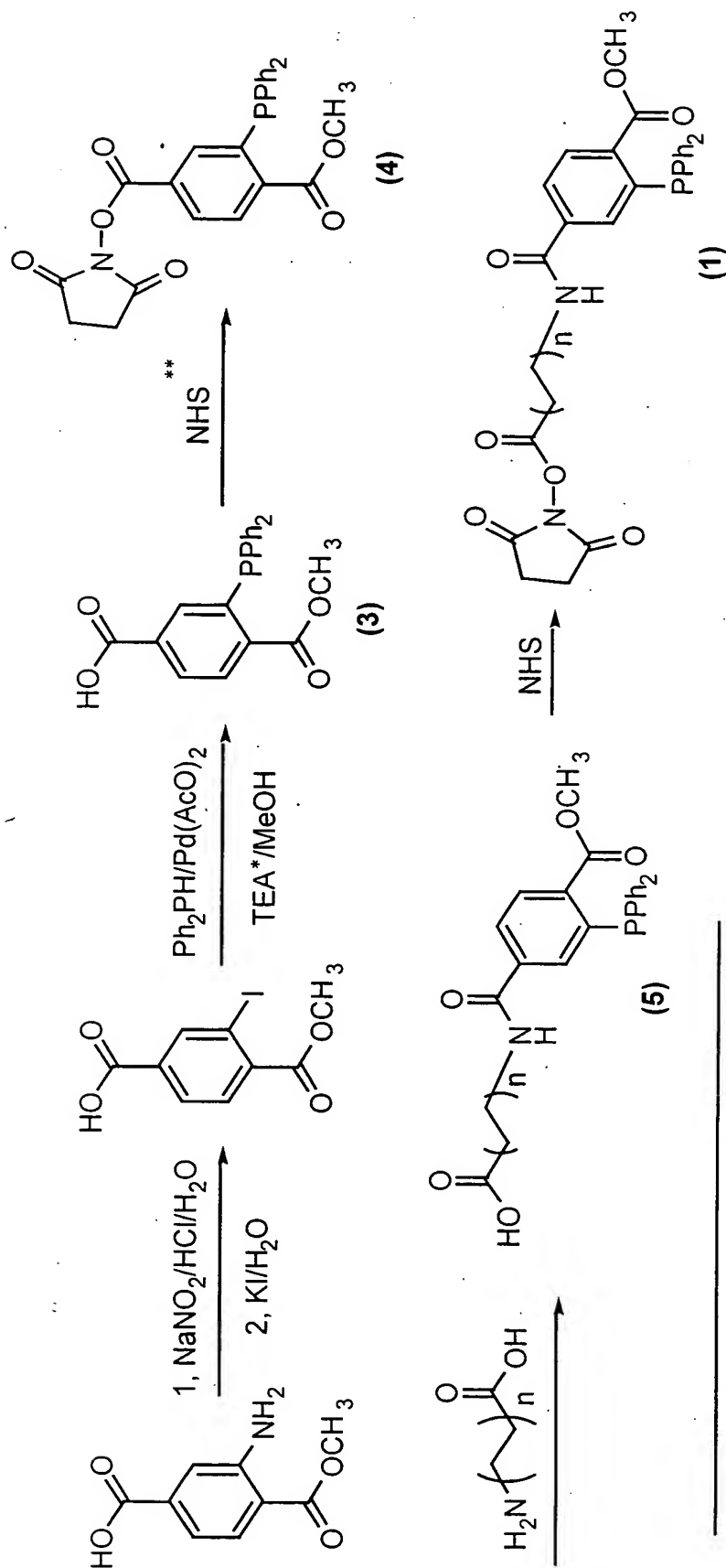
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FIGURE 3



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FIGURE 4



*TEA = Triethylamine, **NHS = N-Hydroxysuccinimide

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FIGURE 5

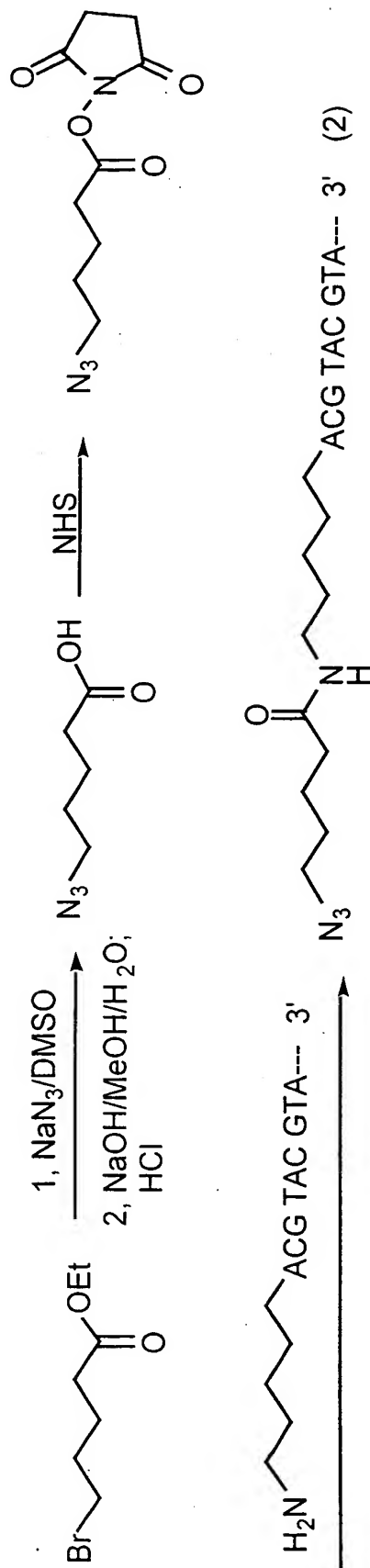
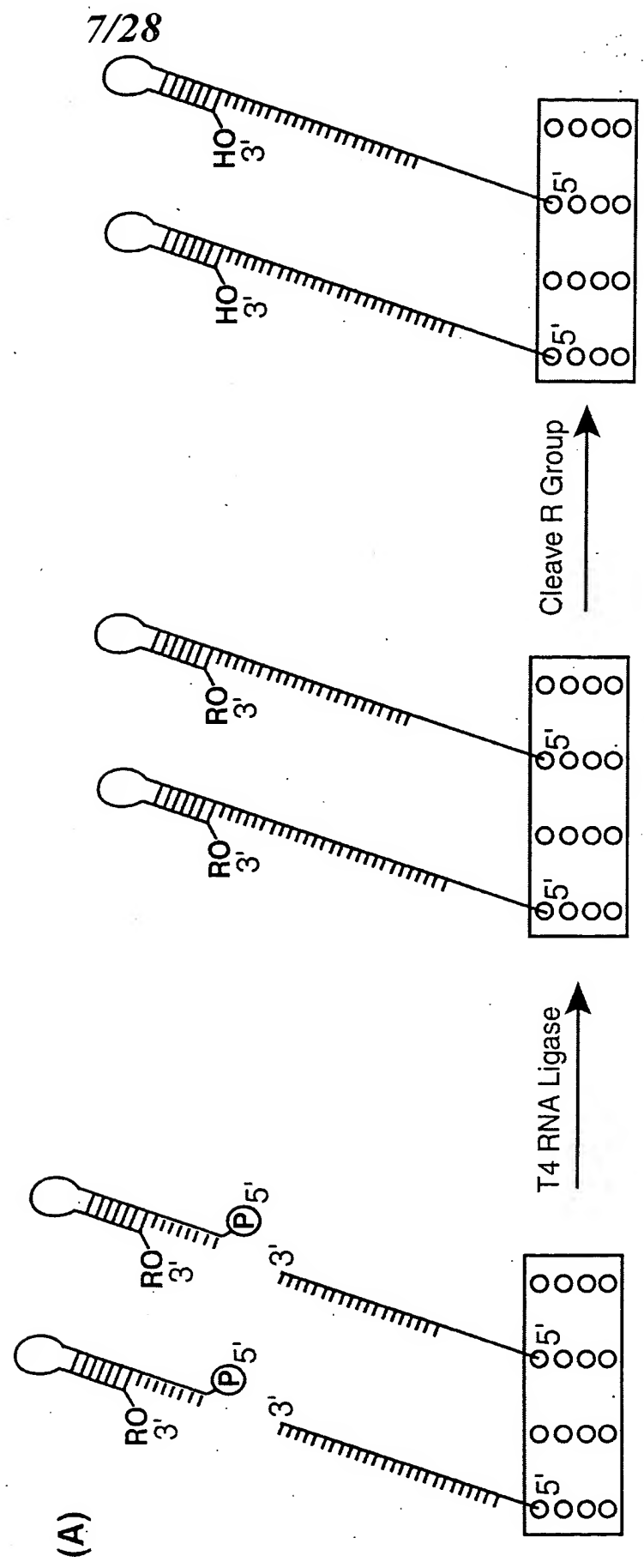
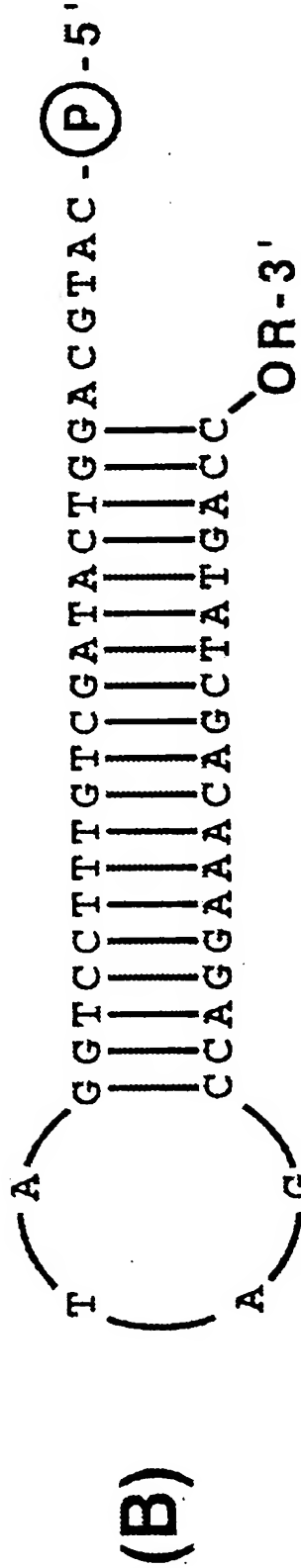


FIGURE 6A



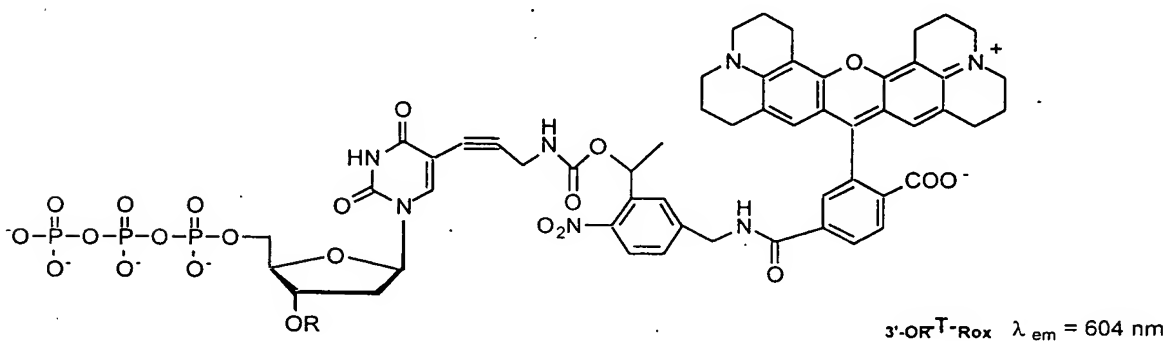
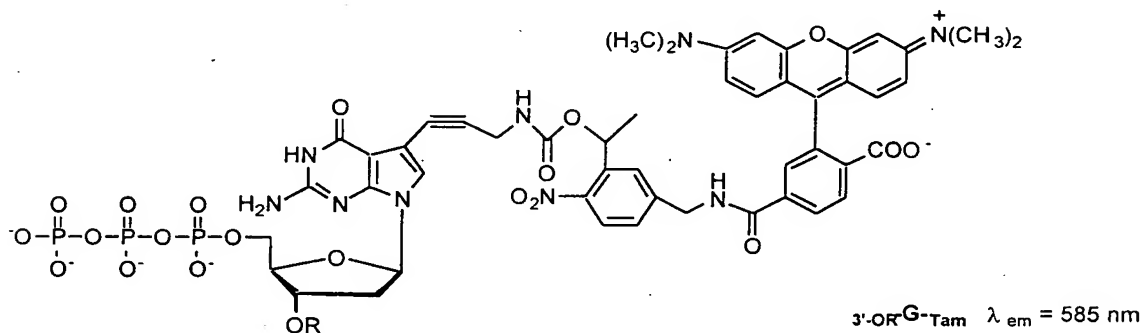
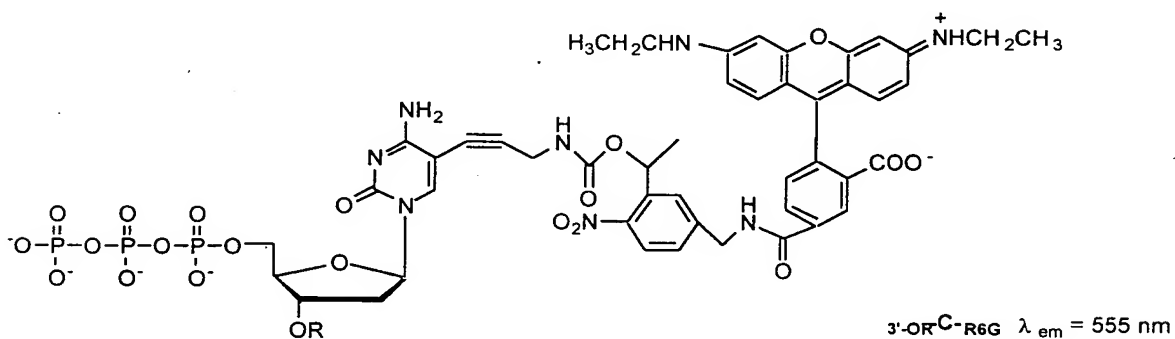
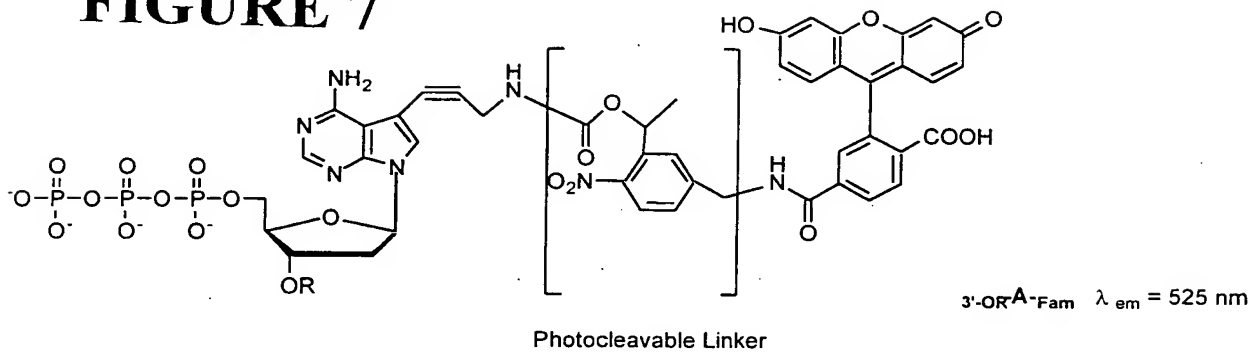
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FIGURE 6B



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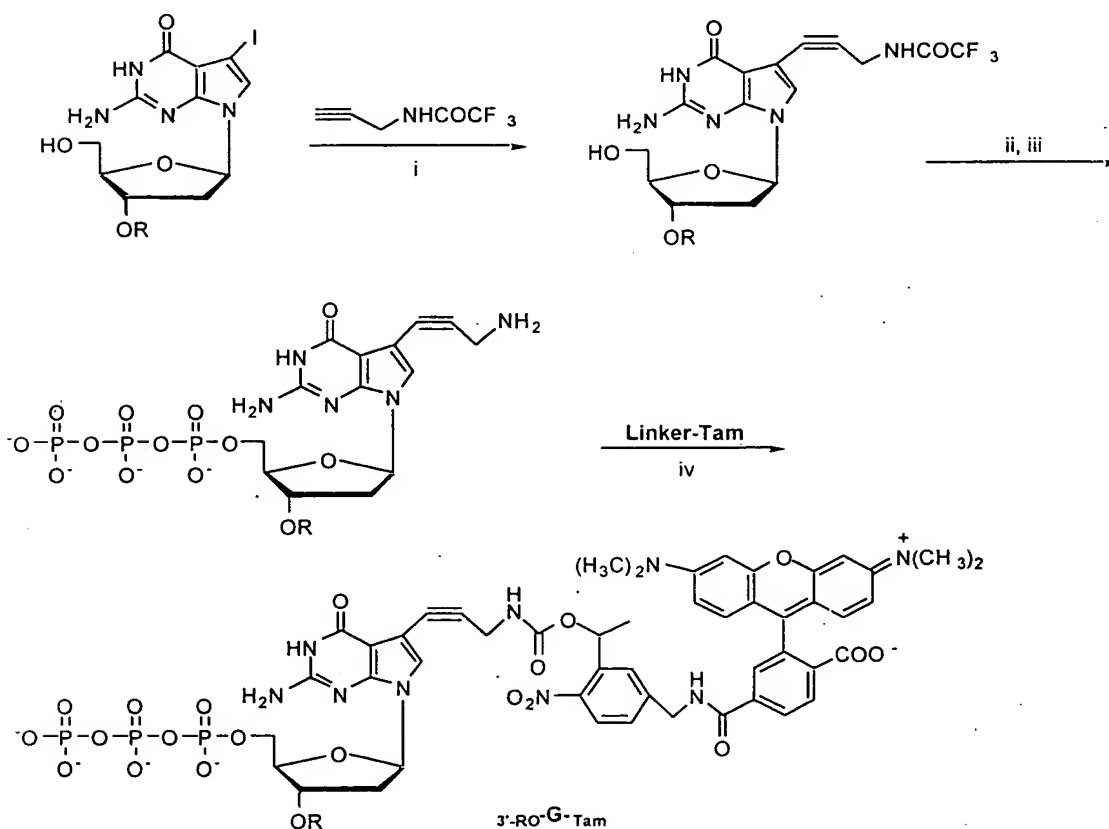
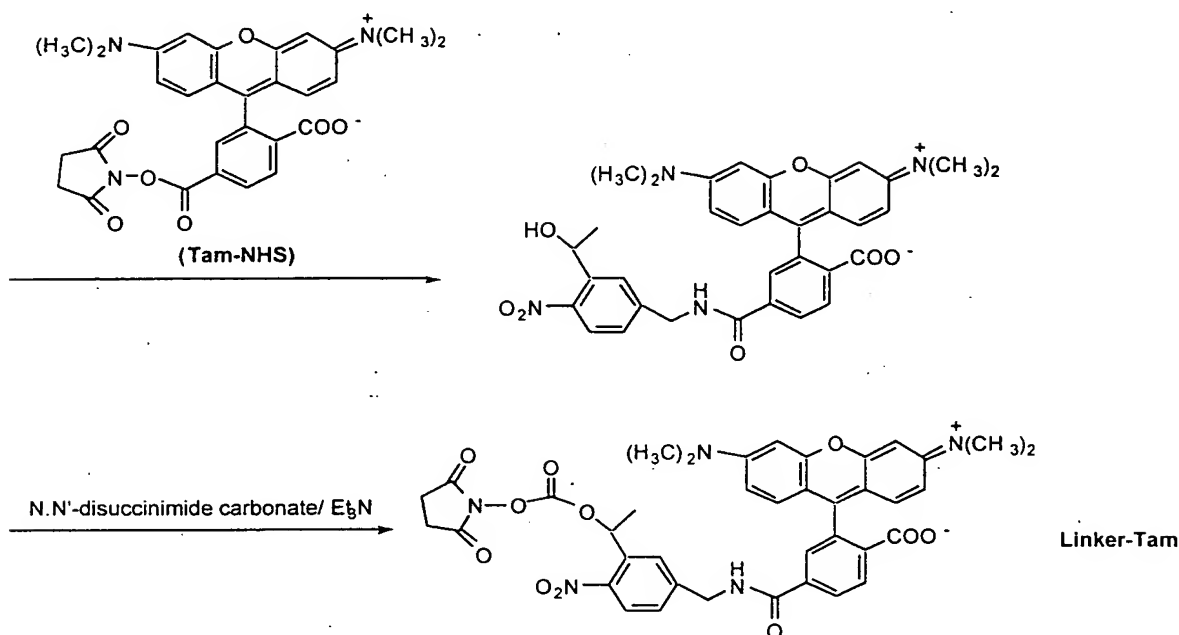
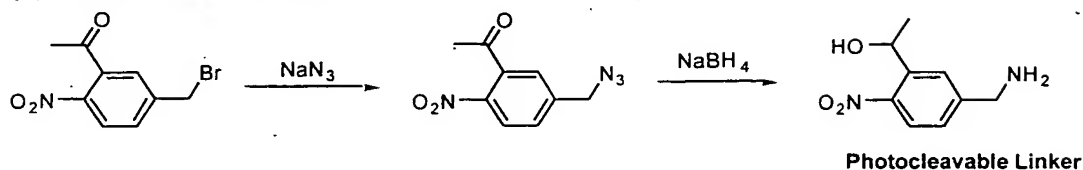
FIGURE 7



R = H, CH₂OCH₃ (MOM) or CH₂-CH=CH₂ (Allyl)

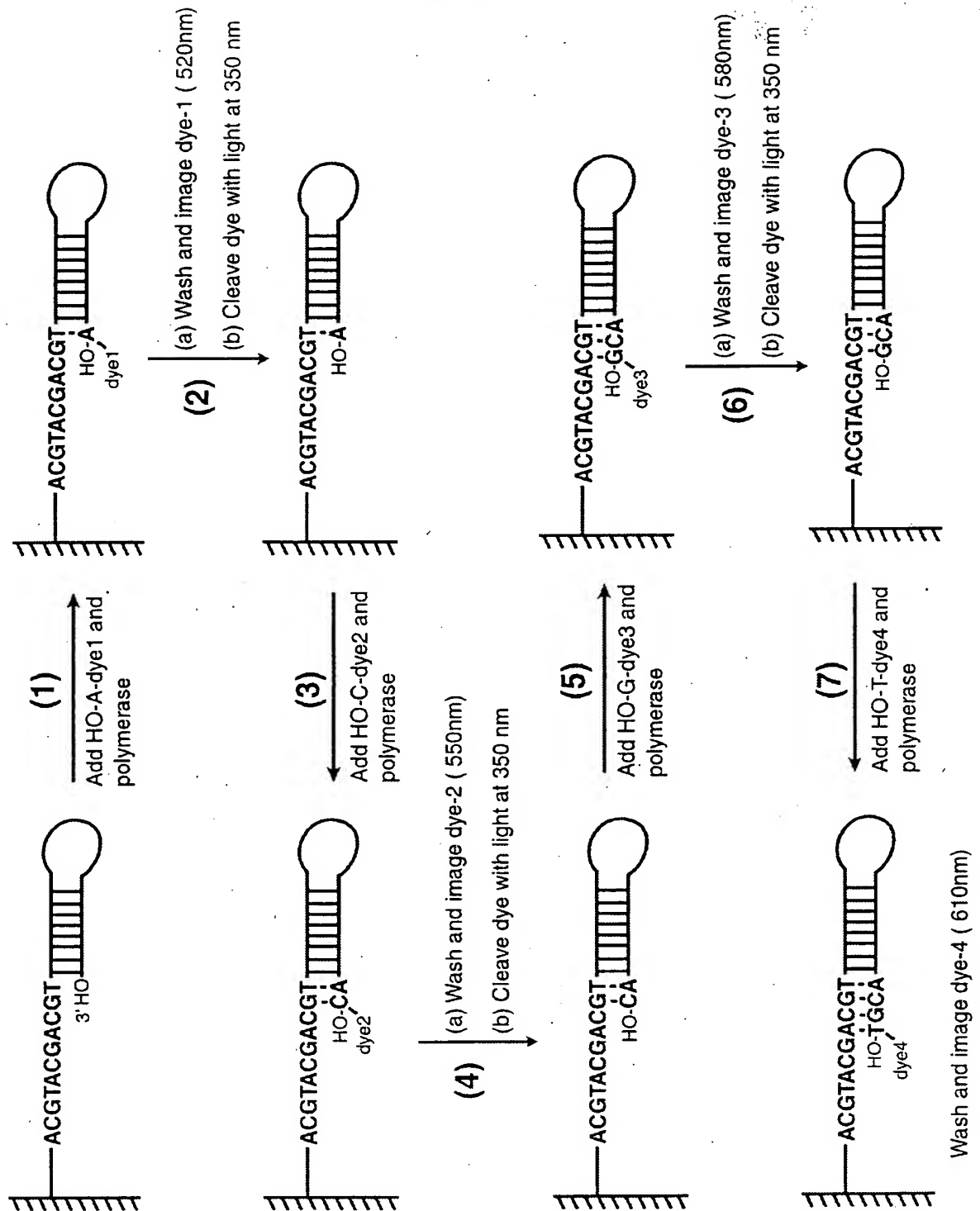
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FIGURE 8



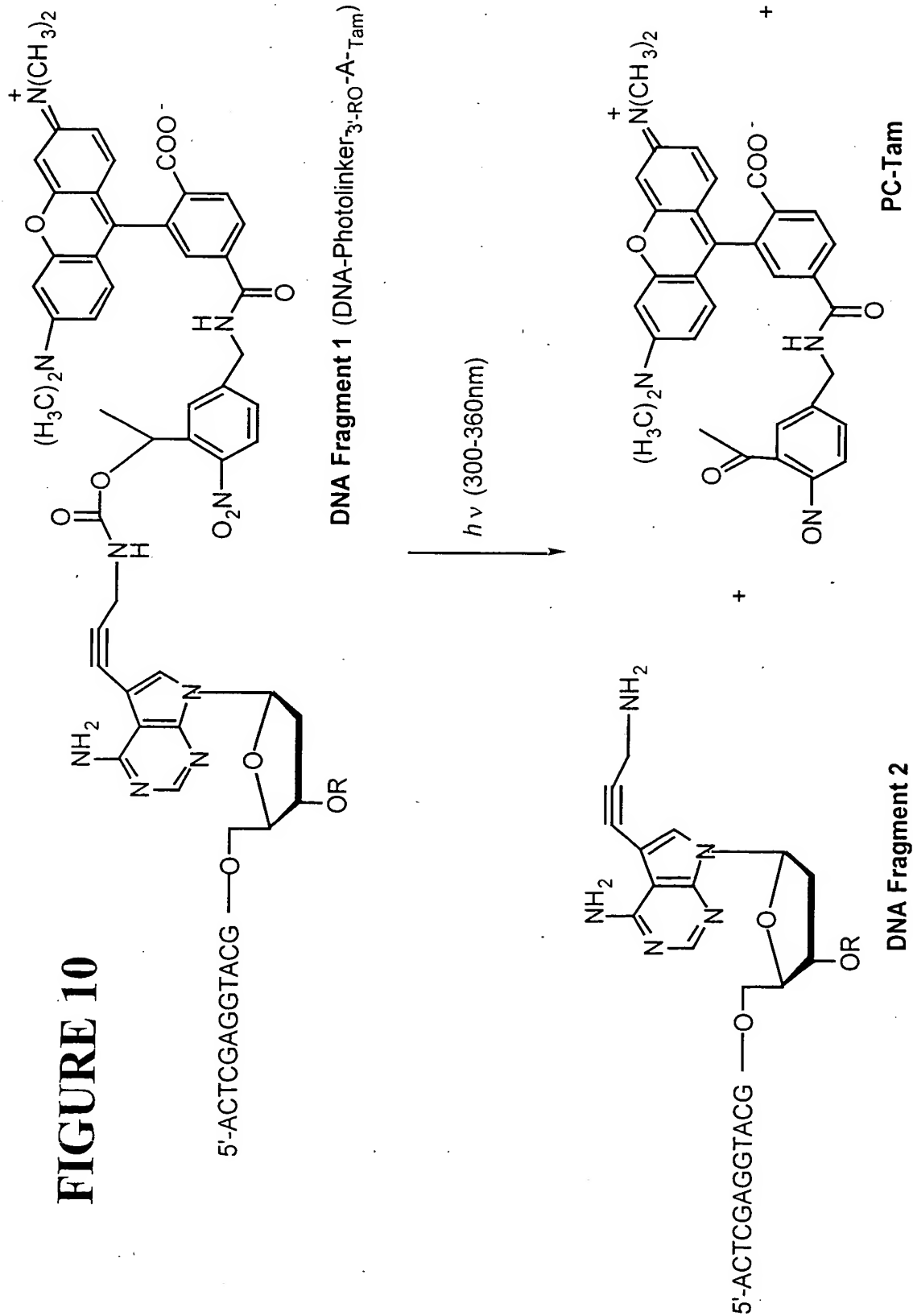
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FIGURE 9

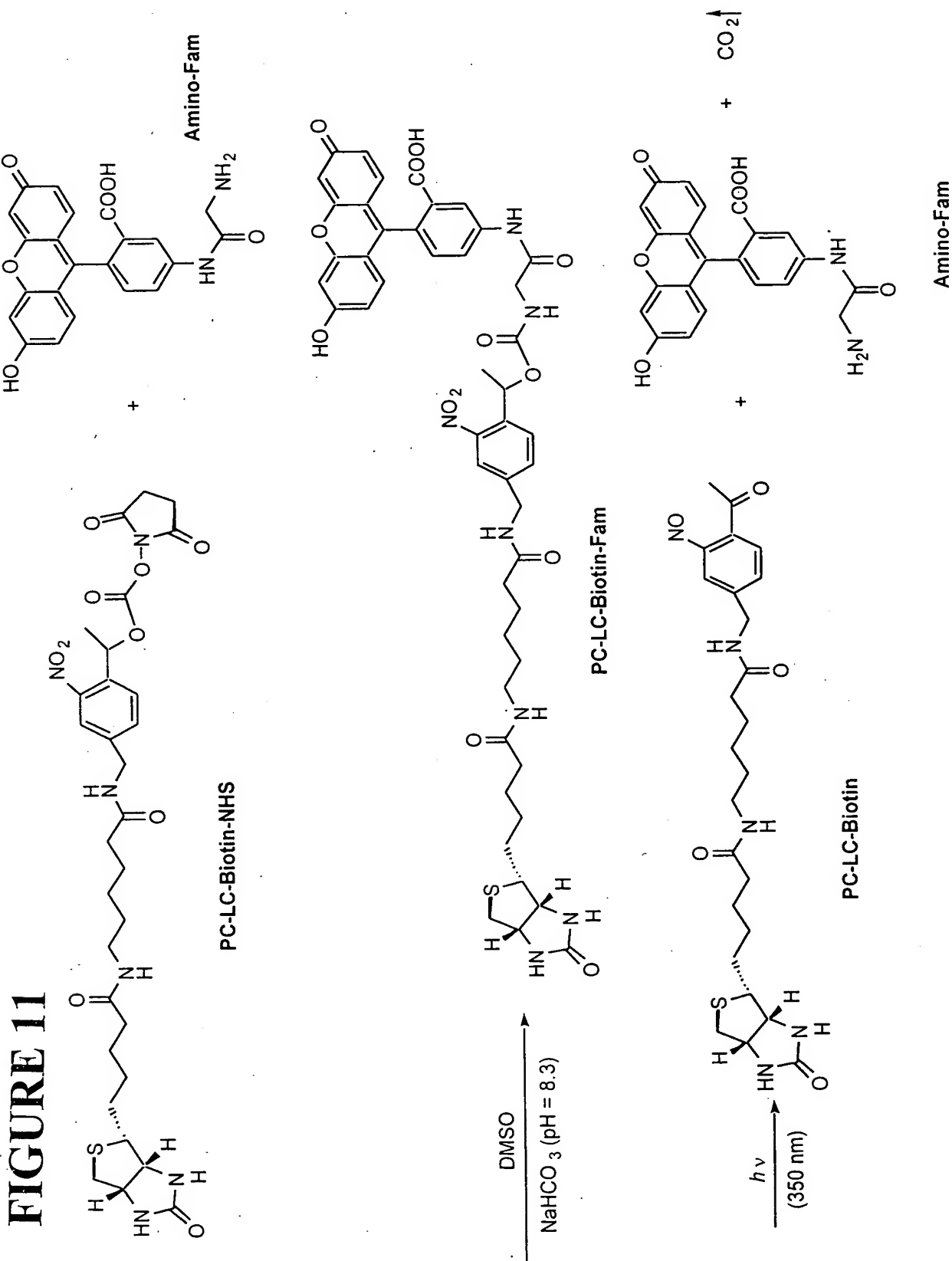


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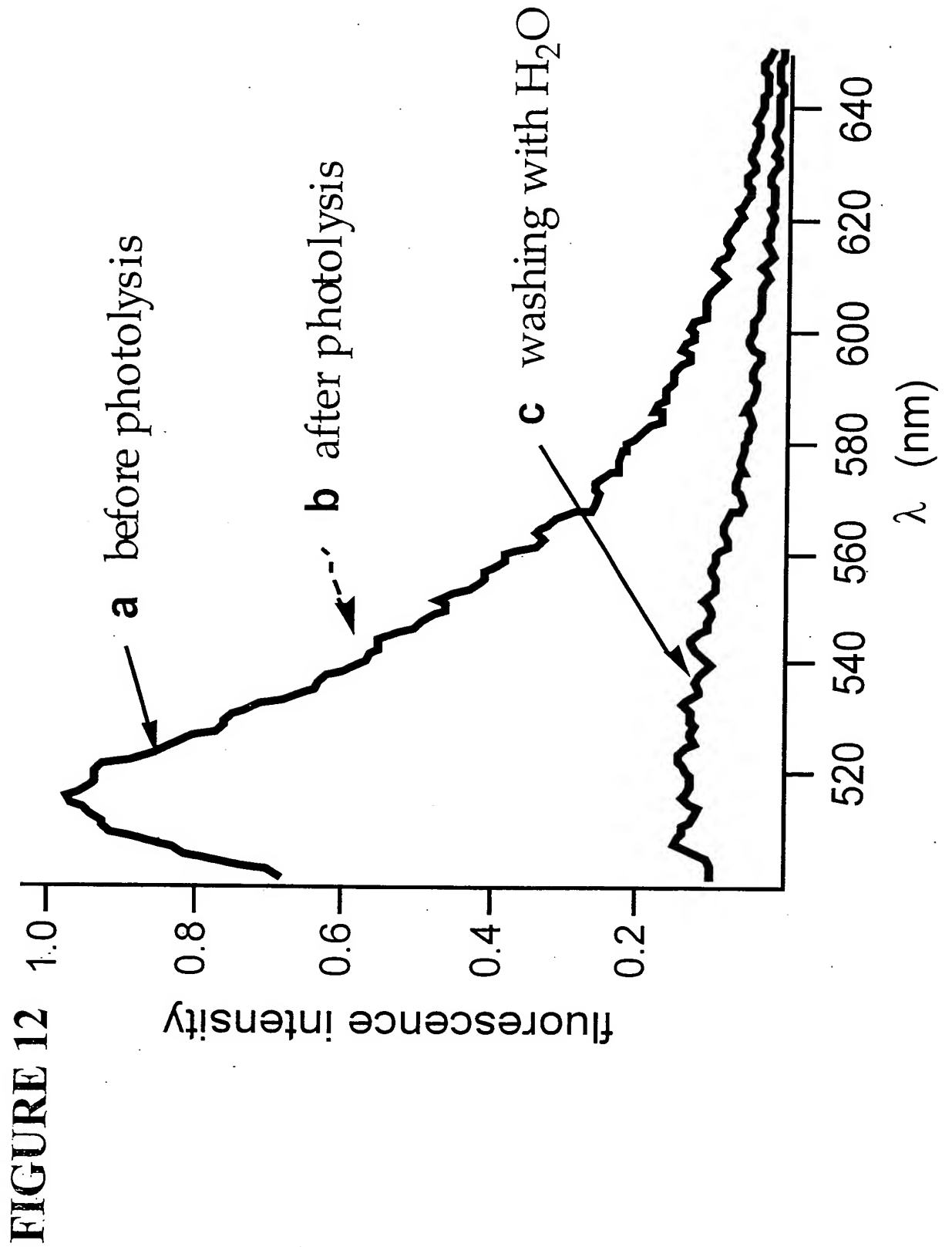
FIGURE 10



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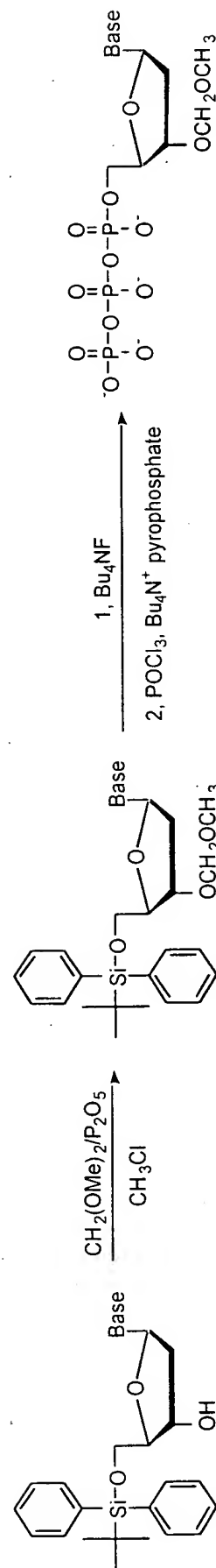


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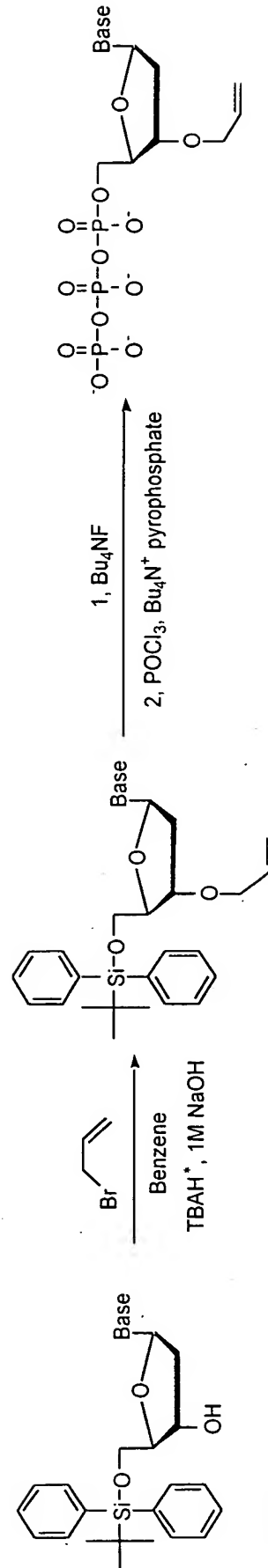
FIGURE 13A



(A)

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FIGURE 13B

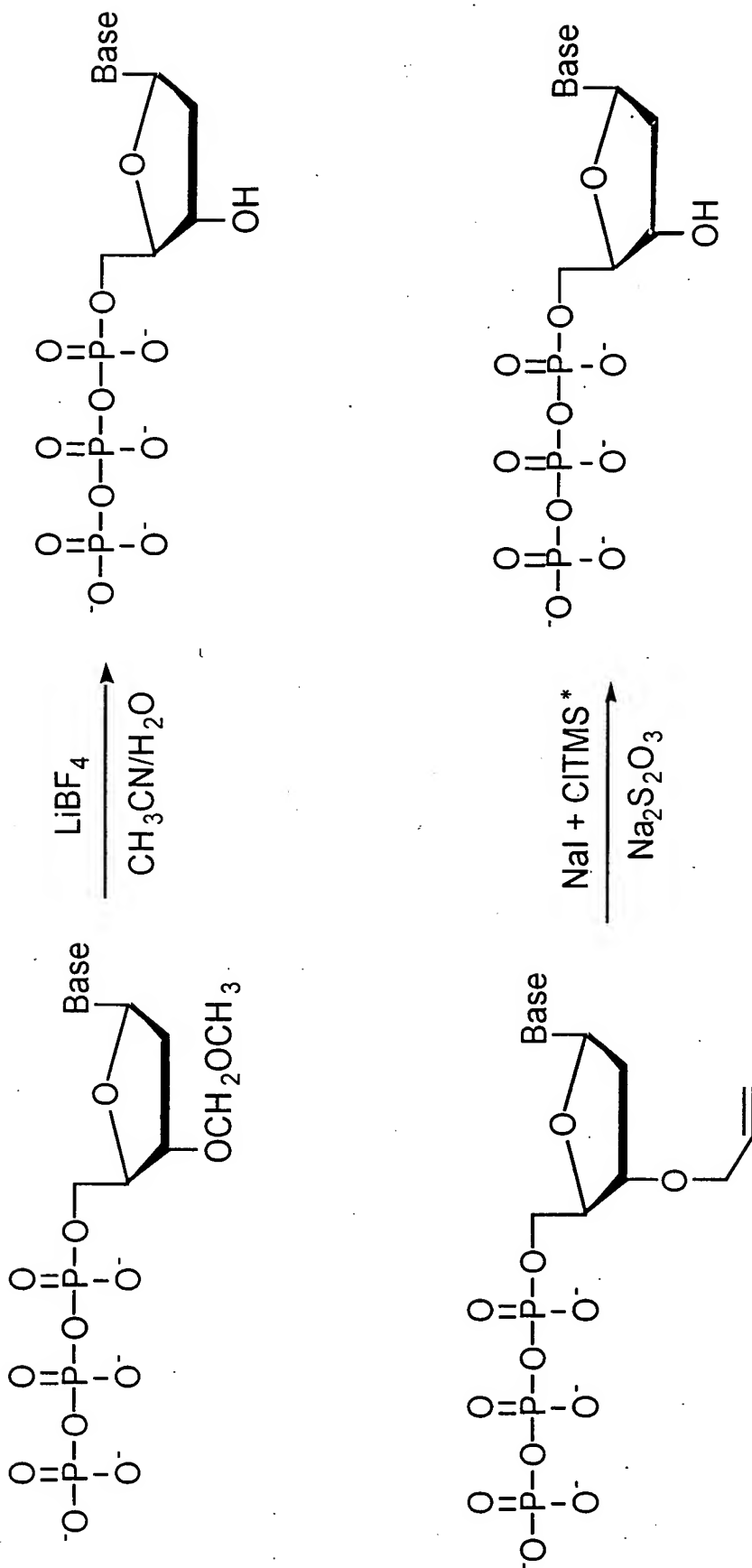


(B)

* TBAH = Tetrabutylammonium hydroxide

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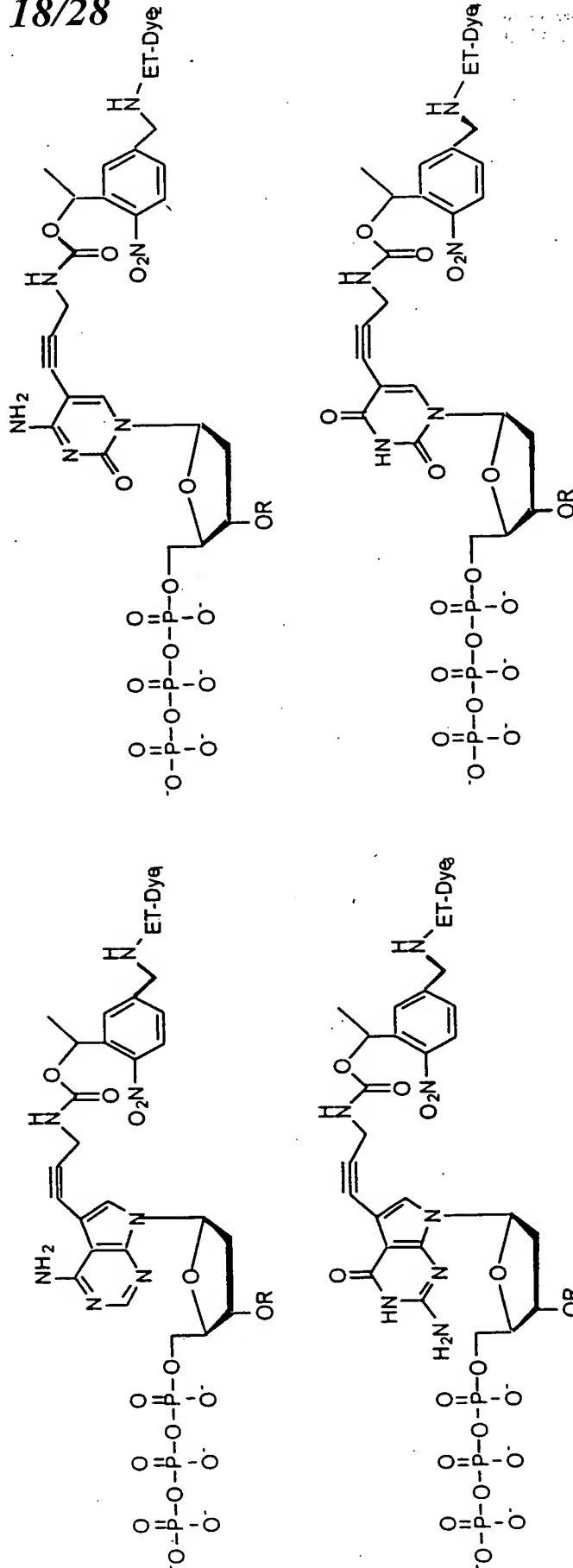
FIGURE 14



*CITMS = chlorotrimethylsilane

FIGURE 15A

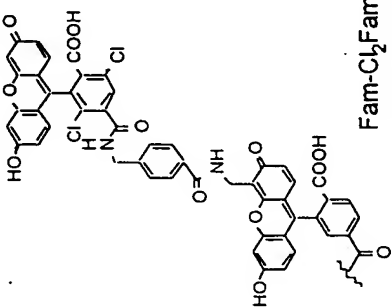
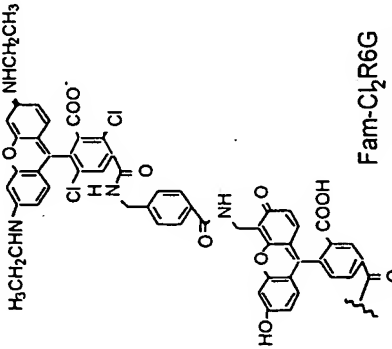
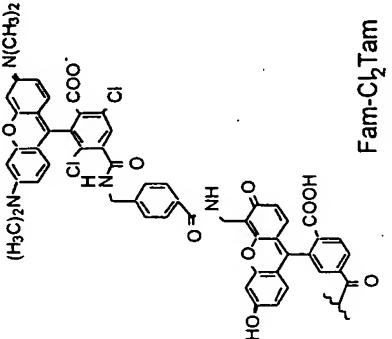
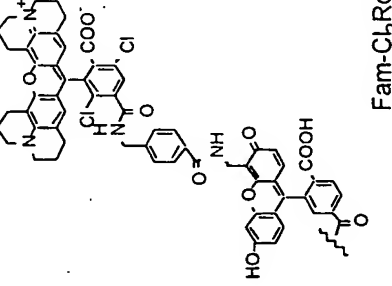
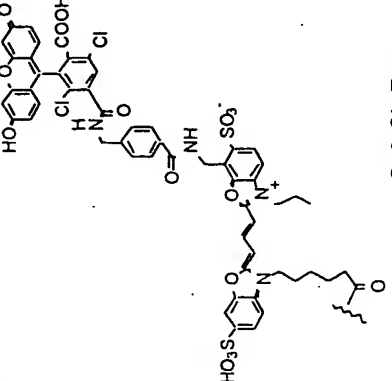
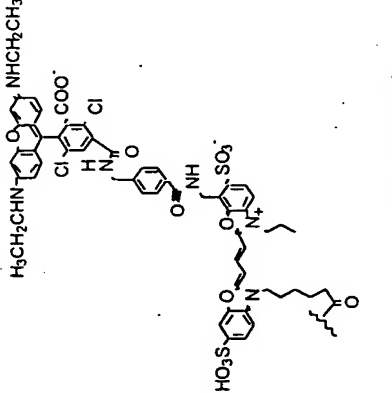
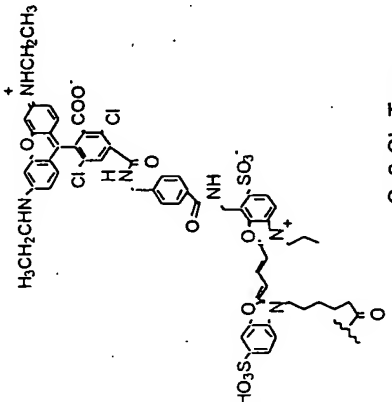
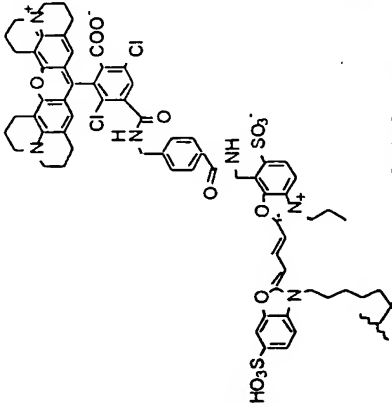
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R = H, CH₂OCH₃ (MOM) or CH₂-CH=CH₂ (Allyl)

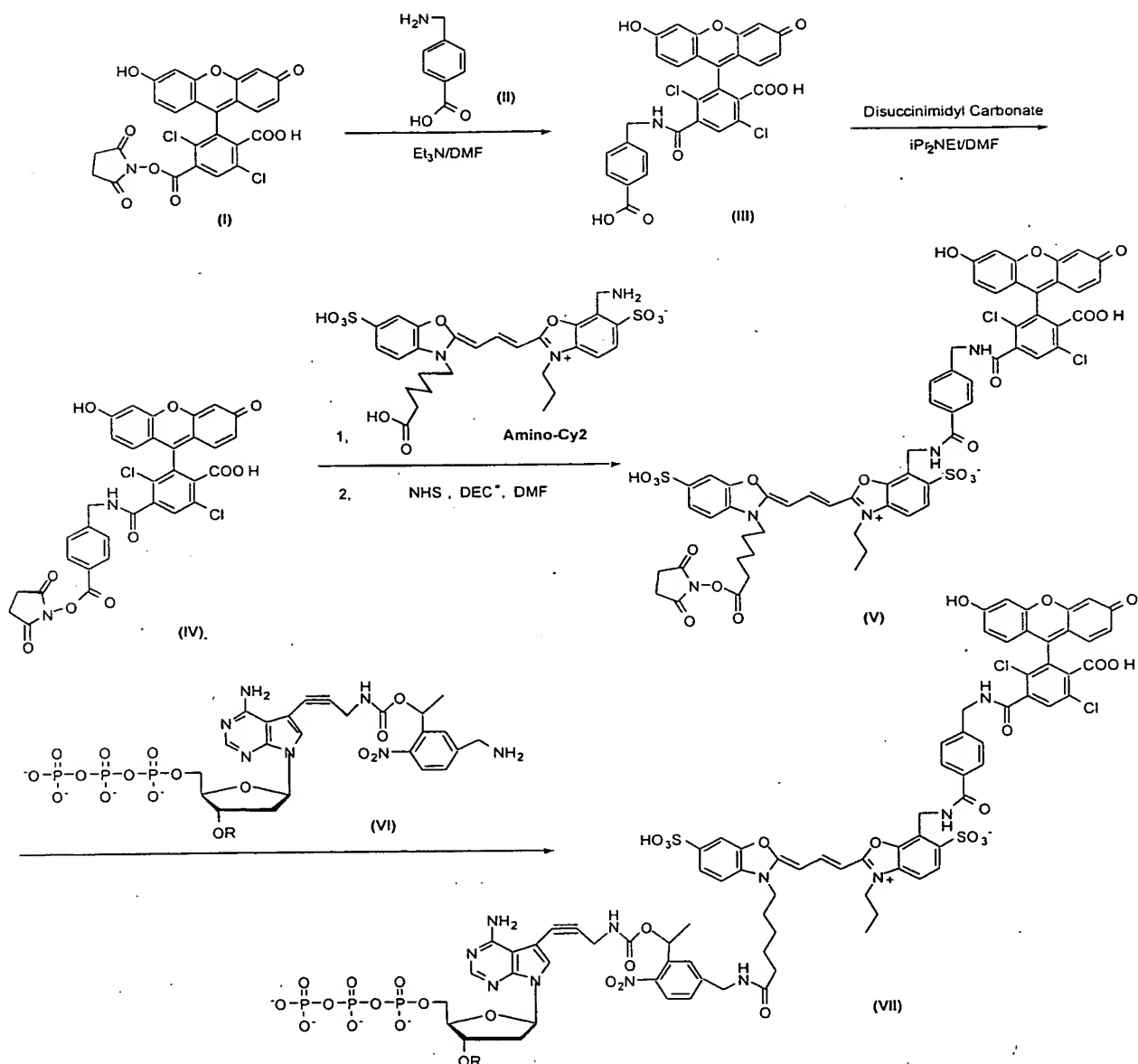
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FIGURE 15B

ET Dye ₁ $\lambda_{em} = 530 \text{ nm}$	ET Dye ₂ $\lambda_{em} = 560 \text{ nm}$	ET Dye ₃ $\lambda_{em} = 590 \text{ nm}$	ET Dye ₄ $\lambda_{em} = 620 \text{ nm}$
 <p>Fam-Cl₂Fam</p>	 <p>Fam-Cl₂R6G</p>	 <p>Fam-Cl₂Tam</p>	 <p>Fam-Cl₂Rox</p>
 <p>Cy2-Cl₂Fam</p>	 <p>Cy2-Cl₂R6G</p>	 <p>Cy2-Cl₂Tam</p>	 <p>Cy2-Cl₂Rox</p>

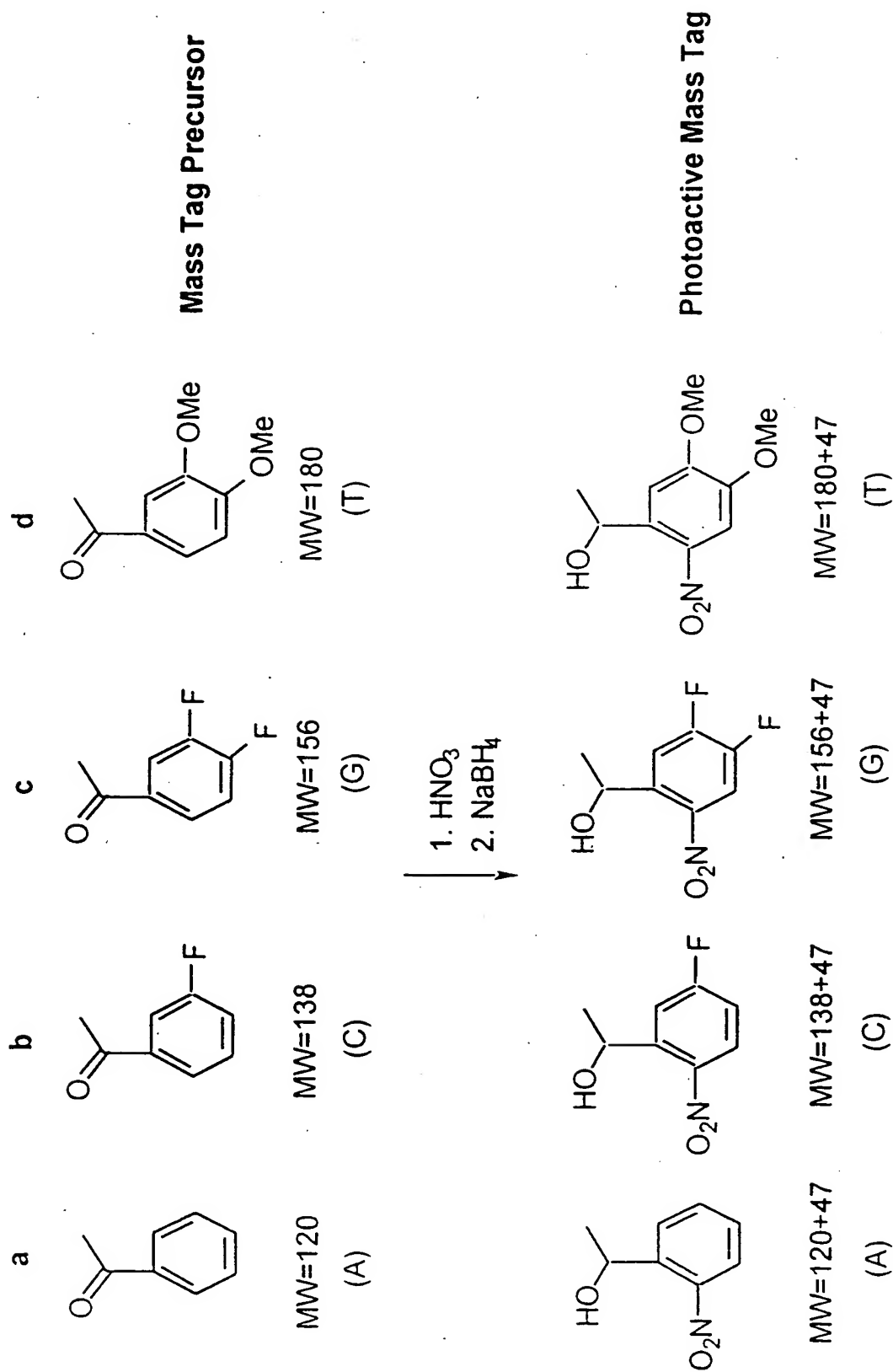
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FIGURE 16



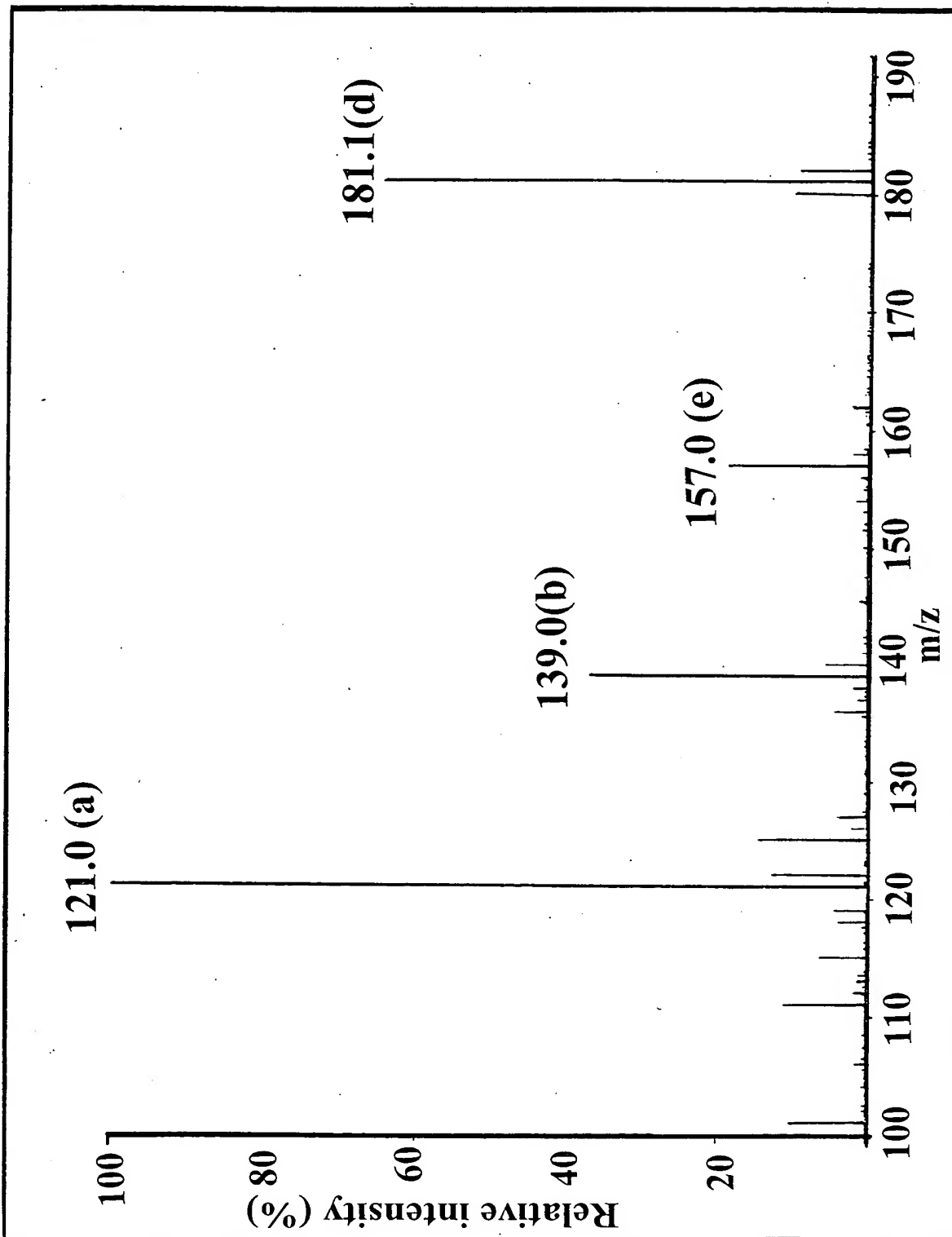
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FIGURE 17



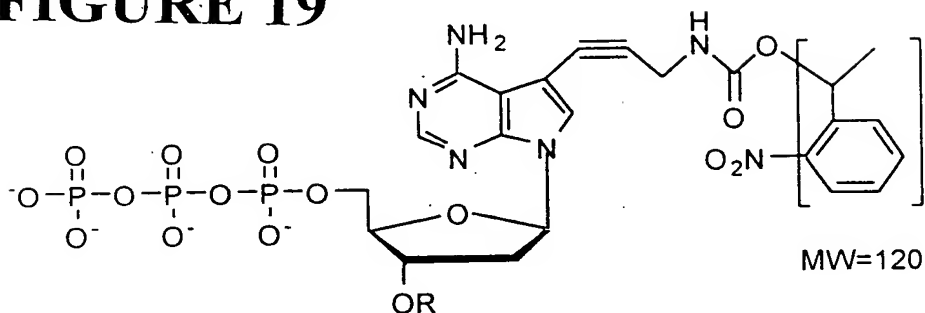
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FIGURE 18

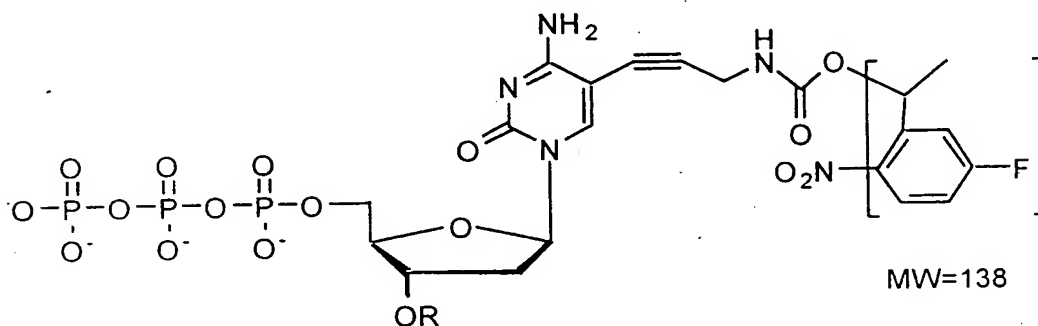


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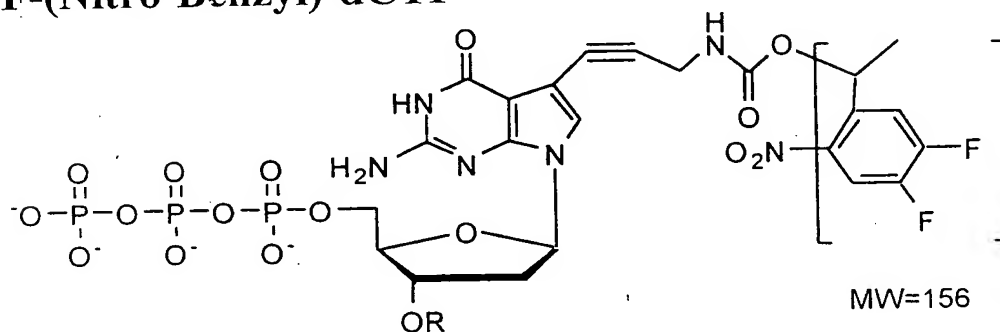
FIGURE 19



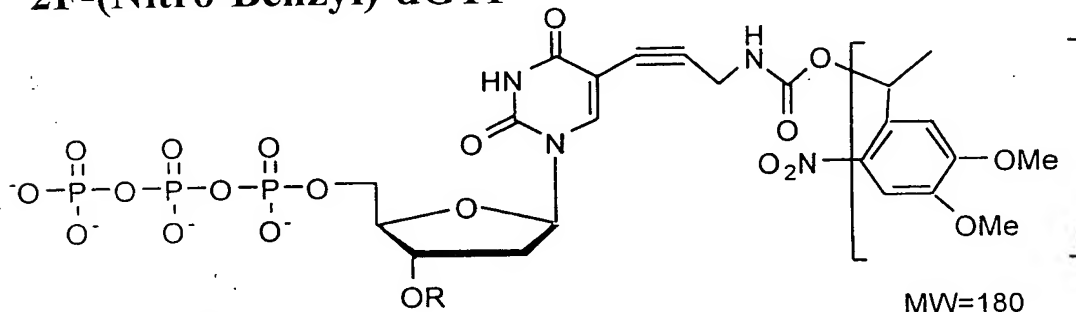
(Nitro-Benzyl)-dATP



F-(Nitro-Benzyl)-dCTP



2F-(Nitro-Benzyl)-dGTP

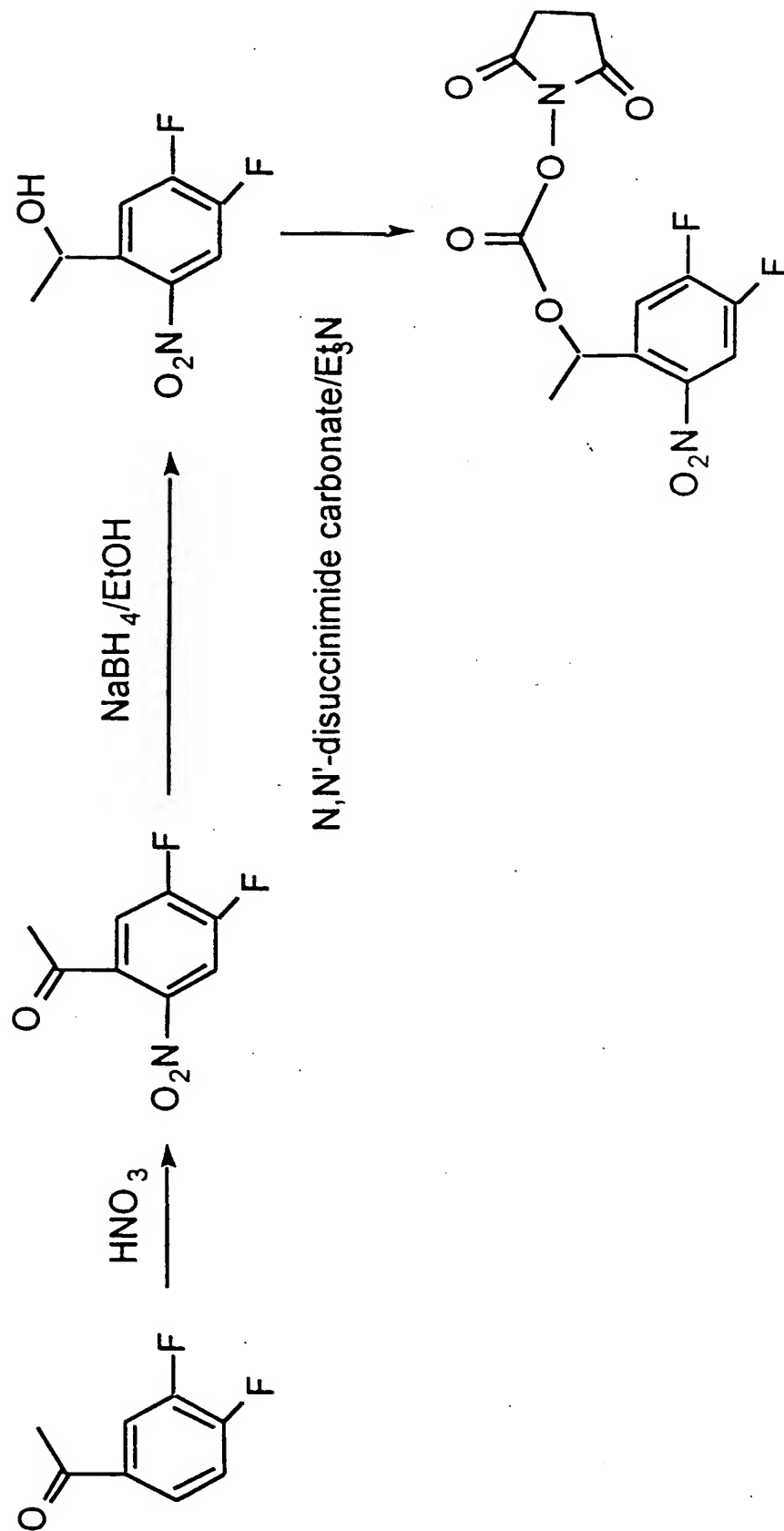


2(Meo)-(Nitro-Benzyl)-dTTP

R = H, MOM or Allyl

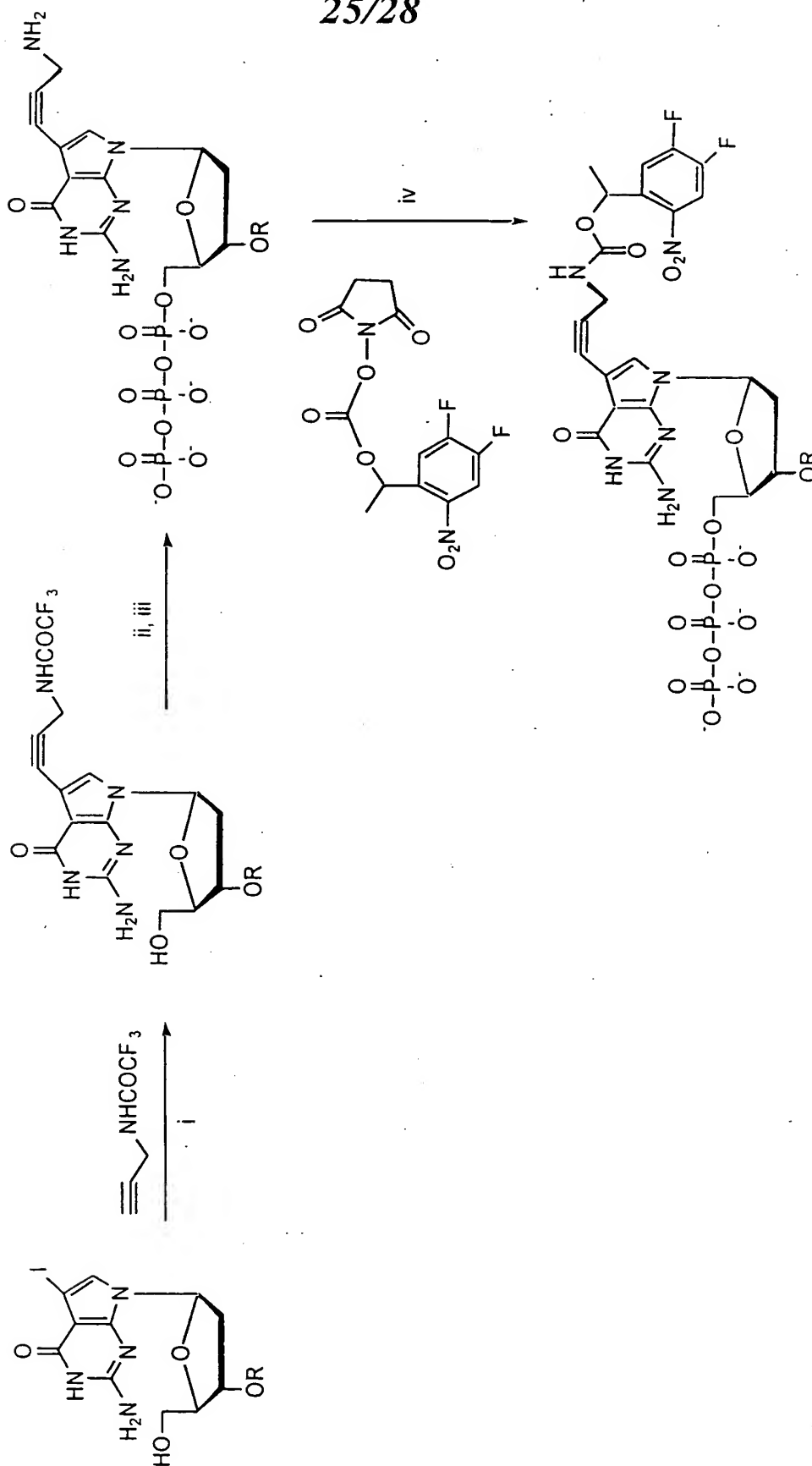
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FIGURE 20



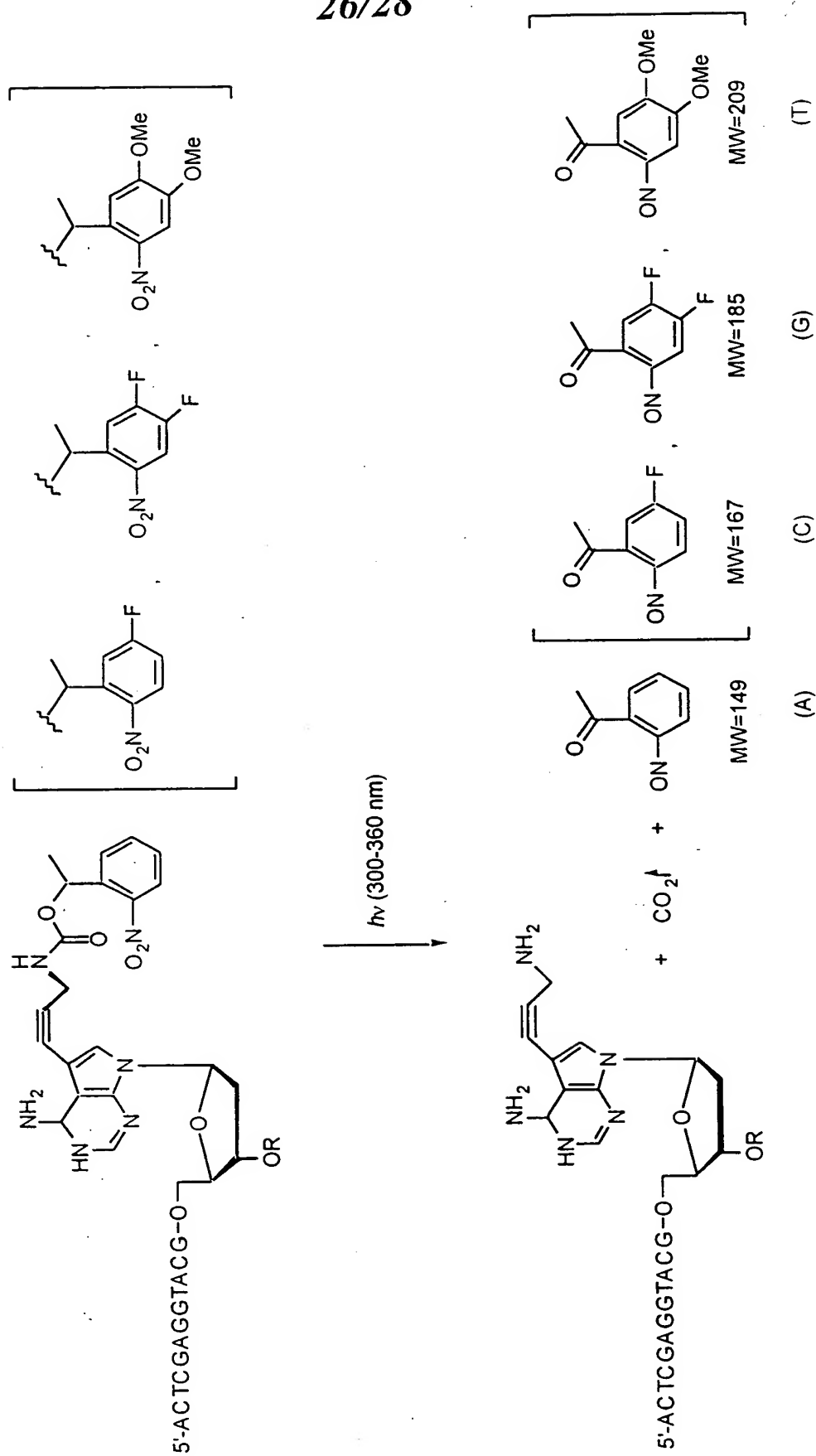
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FIGURE 21



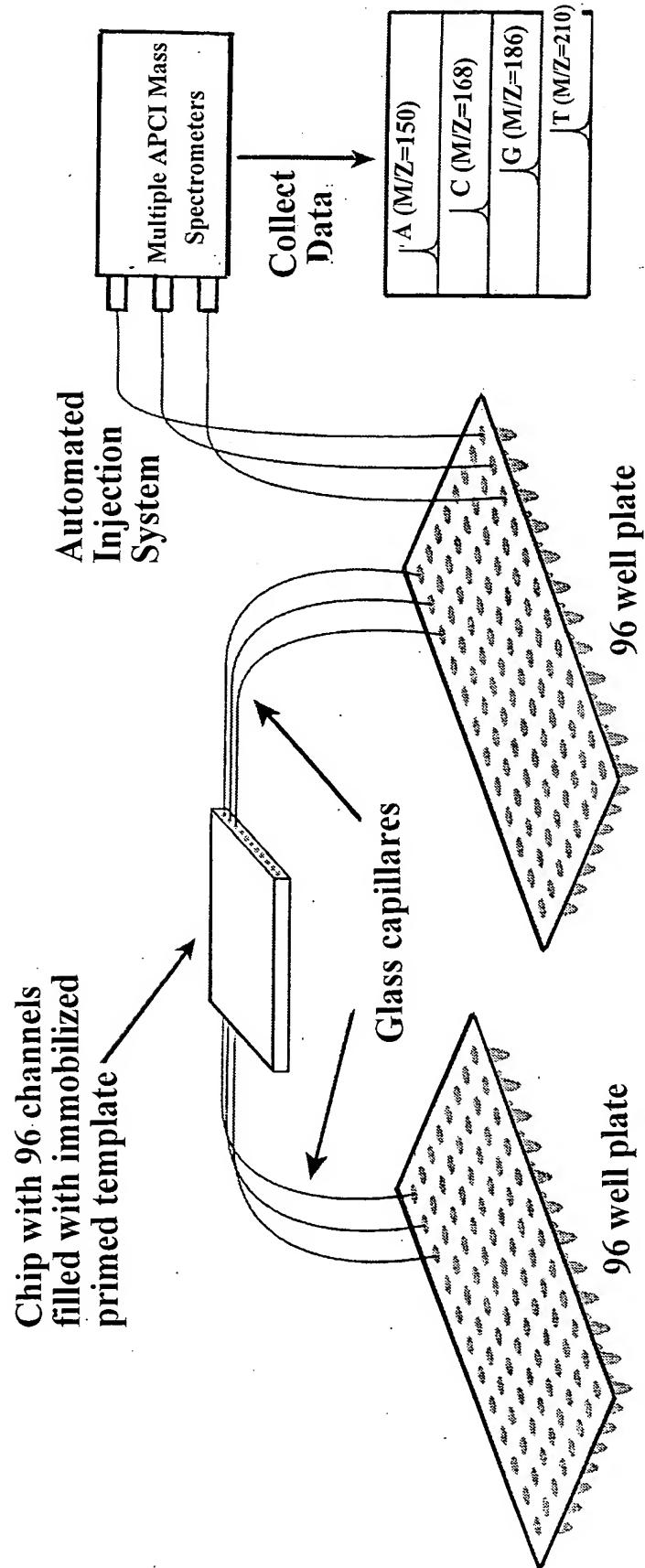
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FIGURE 22



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FIGURE 23



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FIGURE 24

